

Title (en)

CAMERA ASSEMBLY FOR MOTOR VEHICLES AND METHOD FOR ASSEMBLING IT

Title (de)

KAMERAANORDNUNG FÜR KRAFTFAHRZEUGE UND VERFAHREN ZU DEREN MONTAGE

Title (fr)

ENSEMBLE CAMÉRA POUR VÉHICULES À MOTEUR ET SON PROCÉDÉ D'ASSEMBLAGE

Publication

EP 3879807 B1 20231220 (EN)

Application

EP 20382176 A 20200311

Priority

EP 20382176 A 20200311

Abstract (en)

[origin: EP3879807A1] A camera assembly (1) for motor vehicles comprises a housing (10, 20) with at least one opening (60) for receiving a connector-adaptor (61), an image sensor (40) connected to an electronics carrier (30) provided within the housing (10, 20), and an insulating member (70) within the housing (10, 20) defining at least a first and second chamber (13a, 13b). The electronics carrier (30) is intersected by the insulating member (70) preventing matter from passing from the first chamber (13a) to the second chamber (13b). The assembling method comprises deposition of insulating material within the housing (10, 20) to form an insulating member (70) and fitting of the electronics carrier (30) within the housing (10, 20) such that the electronics carrier (30) is intersected by the insulating member (70).

IPC 8 full level

H04N 23/50 (2023.01); **B60R 1/00** (2022.01); **H04N 23/51** (2023.01); **H04N 23/52** (2023.01)

CPC (source: CN EP US)

B60R 11/04 (2013.01 - US); **H04N 23/50** (2023.01 - EP); **H04N 23/51** (2023.01 - CN EP US); **H04N 23/52** (2023.01 - CN EP); **H04N 23/57** (2023.01 - CN US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3879807 A1 20210915; **EP 3879807 B1 20231220**; CN 113395420 A 20210914; JP 2021145334 A 20210924; US 2021284081 A1 20210916

DOCDB simple family (application)

EP 20382176 A 20200311; CN 202110265446 A 20210311; JP 2021038896 A 20210311; US 202117198778 A 20210311